

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"107584975"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/05 13:46
S2	0	"10/7584975"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/05 13:52
S4	1	10/584975	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/05 13:53
S3	0	10/7584975	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/05 13:53
S5	4	("20050064991"   "6254509"   "6740005"   "6749534").PN.	US-PGPUB; USPAT	AND	ON	2008/09/05 13:57
S10	2041	S6 S7 S8 S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/08 10:39
S9	579	477/143.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/08 10:39
S8	498	477/121.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/08 10:39
S7	360	477/120.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/08 10:39
S6	662	477/107.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/08 10:39
S14	8	S10 (readiness)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/08 10:43
S13	0	S10 (snatch read\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/08 10:43
S12	0	S10 (snatch read\$5 (motor adj fuel\$4) (increase near4 speed) torque)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/08 10:43
S11	0	S10 (snatch with read\$5 with (motor adj fuel\$4) with (increase near4 speed) with torque)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/08 10:43

S15	1	de19955987	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/08 14:13
S16	1	(turbine near2 speed) with (transmission) with (motor near2 fuel\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 12:33
S17	1925	(turbine near2 speed) with (transmission)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 12:38
S19	58	S17 S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 12:39
S18	665	477/107.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 12:39
S20	63	f16h063/50.ipc.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 12:42
S22	1453	S20 or S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 12:43
S21	1392	f16h061/06.ipc.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 12:43
S23	1	S19 S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 12:44
S25	1	S19 S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 12:49
S24	120	S19 or S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 12:49
S26	1	S24 (rotational adj speed adj gradient)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 12:50
S28	1	WO near2 "03074907"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 12:54
S27	0	WO03074907	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 12:54
S29	3	S18 dual adj clutch	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 13:08
S30	9	("20010022245"   "5303794"   "5407401"   "5603672"   "6634247"   "6712734"   "6909955"   "6941830").PN. OR ("7094176").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/29 13:49

S31	11	(dual adj clutch) transmission (readiness or spontan\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 14:10
S32	11	S31 not (S30 or S29)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 14:11
S35	579	477/143.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 14:24
S34	499	477/121.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 14:24
S33	360	477/120.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 14:24
S38	4	S36 (dual adj clutch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 14:25
S37	2519	S36 (dual adj clutch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/29 14:25
S36	1407	S33 S34 S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/29 14:25
S40	3	S38 not S39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/29 14:26
S39	26	S23 S25 S26 S28 S29 S30 S31 S32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/29 14:26
S41	47	((KLAUS) near2 (STEINHAUSER)).INV.	US-PGPUB; USPAT	AND	ON	2008/09/29 14:27
S43	1	S41 (snatch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 14:35
S42	2	S41 (dual near2 clutch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 14:35
S44	25	S41 (disengag\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 14:38
S46	10	("20020046617"   "4955257"   "5285880"   "5505100"   "5609068"   "5941795"   "6102830"   "6176811"   "6186923"   "6385520").PN. OR ("7247127").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/29 15:50
S45	1	(10/527872).APP.	USPAT; USOCR	AND	ON	2008/09/29 15:50

S47	44	((CHRISTIAN) near2 (POPP)).INV.	US-PGPUB; USPAT	AND	ON	2008/09/29 16:15
S48	20	S47 not (S36 S45 S44 S43 S42)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/29 16:16
S60	1449	(S59 S52 S57 S56 S55 S54)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/29 17:42
S59	20	S58 not (S52 S57 S56 S55 S54)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/29 17:42
S58	44	((CHRISTIAN) near2 (POPP)).INV.	US-PGPUB; USPAT	AND	ON	2008/09/29 17:42
S57	1	(10/527872).APP.	USPAT; USOCR	AND	ON	2008/09/29 17:42
S56	25	S53 (disengag\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 17:42
S55	1	S53 (snatch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 17:42
S54	2	S53 (dual near2 clutch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 17:42
S53	47	((KLAUS) near2 (STEINHAUSER)).INV.	US-PGPUB; USPAT	AND	ON	2008/09/29 17:42
S52	1407	S49 S50 S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/29 17:42
S51	579	477/143.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 17:42
S50	499	477/121.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 17:42
S49	360	477/120.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 17:42
S62	156	S61 not S60	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/09/29 17:43

S61	186	( "20020046617"   "20020177504"   "20030074992"   "3589483" "4070927"   "4315439"   "4461188"   "4513631"   "4527678"   "4544057"   "4627312"   "4648291"   "4671139"   "4724723"   "4790418"   "4815340"   "4819163"   "4827784"   "4858499"   "4889014"   "4891759"   "4947330"   "4955257"   "4976170"   "5014573"   "5031479"   "5036729"   "5046174"   "5046176"   "5046383"   "5070746"   "5072390"   "5079970"   "5086666"   "5091854"   "5101687"   "5123302"   "5129286"   "5133227"   "5157609"   "5211079"   "5282401"   "5285880"   "5303794"   "5325740"   "5383824"   "5407401"   "5436834"   "5444623"   "5445576"   "5505100"   "5522775"   "5568387"   "5577980"   "5601506"   "5609068"   "5624351"   "5644200"   "5662198"   "5669851"   "5674151"   "5683328"   "5706197"   "5711409"   "5720203"   "5795262"   "5833572"   "5846163"   "5855533"   "5875691"   "5887670"   "5890392"   "5915512"   "5941795"   "5950781"   "5954776"   "5957810"   "5966989"   "5979257"   "6006620"   "6012561"   "6024672"   "6044719"   "6080084"   "6102830"   "6145398"   "6176811"   "6186923"   "6202016"   "6251042"   "6254509"   "6269293"   "6286381"   "6308125"   "6319170"   "6319172"   "6341541"   "6361474"   "6364809"   "6371879"   "6385520"   "6427549"   "6435049"   "6499370"   "6502474"   "6503172"   "6634990"   "6712734"   "6866612"   "6881171"   "6887184"   "6949051"   "6969340") .PN. OR	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/29 17:43
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		("2007/0129211"   "5407401"   "5603672"   "6176811"   "6186923"   "6375597"   "6478713"   "6634247"   "6909955"   "6941830"   "7086989"   "7247127").URPN.				
S63	2	(US-20070129211-\$).did. or (US-6375597-\$).did.	US-PGPUB; USPAT	AND	ON	2008/09/30 10:51
S64	3	(US-20070129211-\$).did. or (US-6176811-\$ or US- 6375597-\$).did.	US-PGPUB; USPAT	AND	ON	2008/09/30 11:06
S65	2	((("4721010") or ("3760922"))).PN.	USPAT	OR	OFF	2009/03/18 11:58
S66	199	("20020046617"   "20020177504"   "20030074992"   "3589483"   "4070927"   "4315439"   "4461188"   "4513631"   "4527678"   "4544057"   "4627312"   "4648291"   "4671139"   "4724723"   "4790418"   "4815340"   "4819163"   "4827784"   "4858499"   "4889014"   "4891759"   "4947330"   "4955257"   "4976170"   "5014573"   "5031479"   "5036729"   "5046174"   "5046176"   "5046383"   "5070746"   "5072390"   "5079970"   "5086666"   "5091854"   "5101687"   "5123302"   "5129286"   "5133227"   "5157609"   "5211079"   "5282401"   "5285880"   "5303794"   "5325740"   "5383824"   "5407401"   "5436834"   "5444623"   "5445576"   "5505100"   "5522775"   "5568387"   "5577980"   "5601506"   "5609068"   "5624351"   "5644200"   "5662198"   "5669851"   "5674151"   "5683328"   "5706197"   "5711409"   "5720203"   "5795262"   "5833572"   "5846163"   "5855533"   "5875691"   "5887670"   "5890392"   "5915512"   "5941795"   "5950781"   "5954776"   "5957810"   "5966989"   "5979257"   "6006620"   "6012561"   "6024672"	US-PGPUB; USPAT; USOCR	AND	ON	2009/08/13 16:37

		"6044719"   "6080084"   "6102830"   "6145398"   "6176811"   "6186923"   "6202016"   "6251042"   "6254509"   "6269293"   "6286381"   "6308125"   "6319170"   "6319172"   "6341541"   "6361474"   "6364809"   "6371879"   "6385520"   "6427549"   "6435049"   "6499370"   "6502474"   "6503172"   "6634990"   "6712734"   "6866612"   "6881171"   "6887184"   "6949051"   "6969340").PN. OR ("2007/0129211"   "5407401"   "5603672"   "6176811"   "6186923"   "6375597"   "6478713"   "6634247"   "6909955"   "6941830"   "7086989"   "7247127").URPN.				
S67	1	10/584975	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/10/07 14:43
S68	736	477/107.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/04 14:08
S71	1616	S68 S69 S70	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/02/04 14:09
S70	613	477/111.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/04 14:09
S69	495	477/110.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/04 14:09
S73	0	S71 (crossover or overlap\$4 or snatch) (speed) (motor near2 (fueling or firing)) (disengag\$3 near3 (switching or clutch)) (readiness or spontaneity)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/04 14:13
S72	0	S71 (crossover or overlap\$4 or snatch) (speed near2 gradient) (motor near2 (fueling or firing)) (disengag \$3 near3 (switching or clutch)) (readiness or spontaneity)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/04 14:13
S76	0	S71 snatch speed (motor near2 (fueling or firing)) (switching or clutch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/04 14:14

S75	0	S71 snatch speed (motor near2 (fueling or firing)) (disengag\$3 near3 (switching or clutch))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/04 14:14
S74	0	S71 snatch speed (motor near2 (fueling or firing)) (disengag\$3 near3 (switching or clutch)) (readiness or spontaneity)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/04 14:14
S77	1	S71 snatch speed (switching or clutch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/04 14:15
S78	0	S71 (speed) (motor near2 (fueling or firing)) (disengag \$3 near3 (switching or clutch)) (readiness or spontaneity)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/04 14:53
S81	0	S80 snatch	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/04 14:54
S80	63	S71 (speed) (fueling or firing) (disengag\$3 near3 (switching or clutch))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/04 14:54
S79	0	S71 (speed) (fueling or firing) (disengag\$3 near3 (switching or clutch)) (readiness or spontaneity)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/04 14:54
S83	7	S71 (set near2 motor near2 torque)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/04 14:56
S82	17	S71 (set near3 motor near3 torque)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/02/04 14:56
S84	1	("6375597").PN.	USPAT	OR	OFF	2010/07/14 16:30
S87	14	S85 or S86	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/07/16 10:12
S86	1	(US-6186923-\$).did.	USPAT	AND	ON	2010/07/16 10:12
S85	14	(US-20070129211-\$).did. or (US-6478713-\$ or US-6941830-\$ or US-6909955-\$ or US-6634247-\$ or US-5603672-\$ or US-5407401-\$ or US-7086989-\$ or US-7247127-\$ or US-6186923-\$ or US-6176811-\$ or US-6375597-\$).did. or (DE-19955987-\$).did. or (WO-03074907-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2010/07/16 10:12

L5	2188	L1 L2 L3 L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/10/25 09:14
L4	593	477/143.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/10/25 09:14
L3	514	477/121.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/10/25 09:14
L2	382	477/120.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/10/25 09:14
L1	761	477/107.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/10/25 09:14
L6	16	5 @pd>="20100716"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/10/25 09:15

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	32	(method (automatic adj transmission) disengag \$3 engag\$3 torque fuel \$3).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2010/10/25 09:17
L7	1	(method (crossover near2 shift) (automatic adj transmission) disengag\$3 engag\$3 torque fuel\$3).clm.	US-PGPUB; USPAT; UPAD	AND	ON	2010/10/25 09:17

**10/ 25/ 2010 9:18:38 AM**

**H:\ EAST\ Workspaces\ 10584975 - method for increasing the spontaneity of overlapping shifting  
operations in an automatic transmission.wsp**